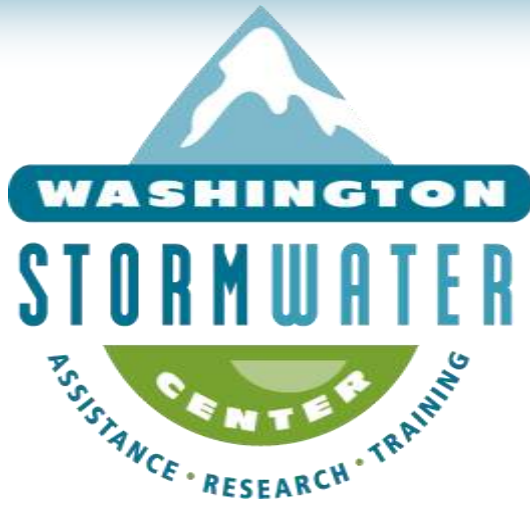


# SWG Task 11. Oversee implementation of source ID and diagnostic monitoring



## Washington Stormwater Center

### *NEP Grant: Task 1*

**SIDDMR =**

Source Identification, Diagnostic Monitoring,  
and Removal (*of the polluting source*).



# Identifying the communities.

- Three distinct yet related communities engaged in SIDDMR programs in Washington State.
  - Jurisdictions with developed SIDDMR programs (Phase I's and some Phase II's).
  - Jurisdictions currently without SIDDMR/IDDE (or who have underdeveloped IDDE programs) who will be required to build capacity.
  - Department of Ecology and the broader water quality management community.



# What might the SIDDMR Repository be?



1. A critical review of methods and resources used to search for unknown sources, for identifying the chemical composition, and for tracking down flowpaths, with an emphasis on learning what works and what does not work in the region.
2. A compilation of the results and findings of current SIDDMR programs, with an analysis of what is most often detected.
3. A peer-network to facilitate communication and sharing of knowledge and methods.

# (1) Jurisdictions with developed SIDDMR programs

- Roles: valued source of experienced practitioners; on-going generators of information; refine existing and develop new procedures and methods.
- Responsibilities: serve as mentors to those expanding/developing local SIDDMR programs; advisors to overall effort
- Rewards: participation in a peer network; pathway to improve permit-required program; less pollutants into their MS4 from upstream jurisdictions.



## (2) Jurisdictions with expanding/developing SIDDMR programs

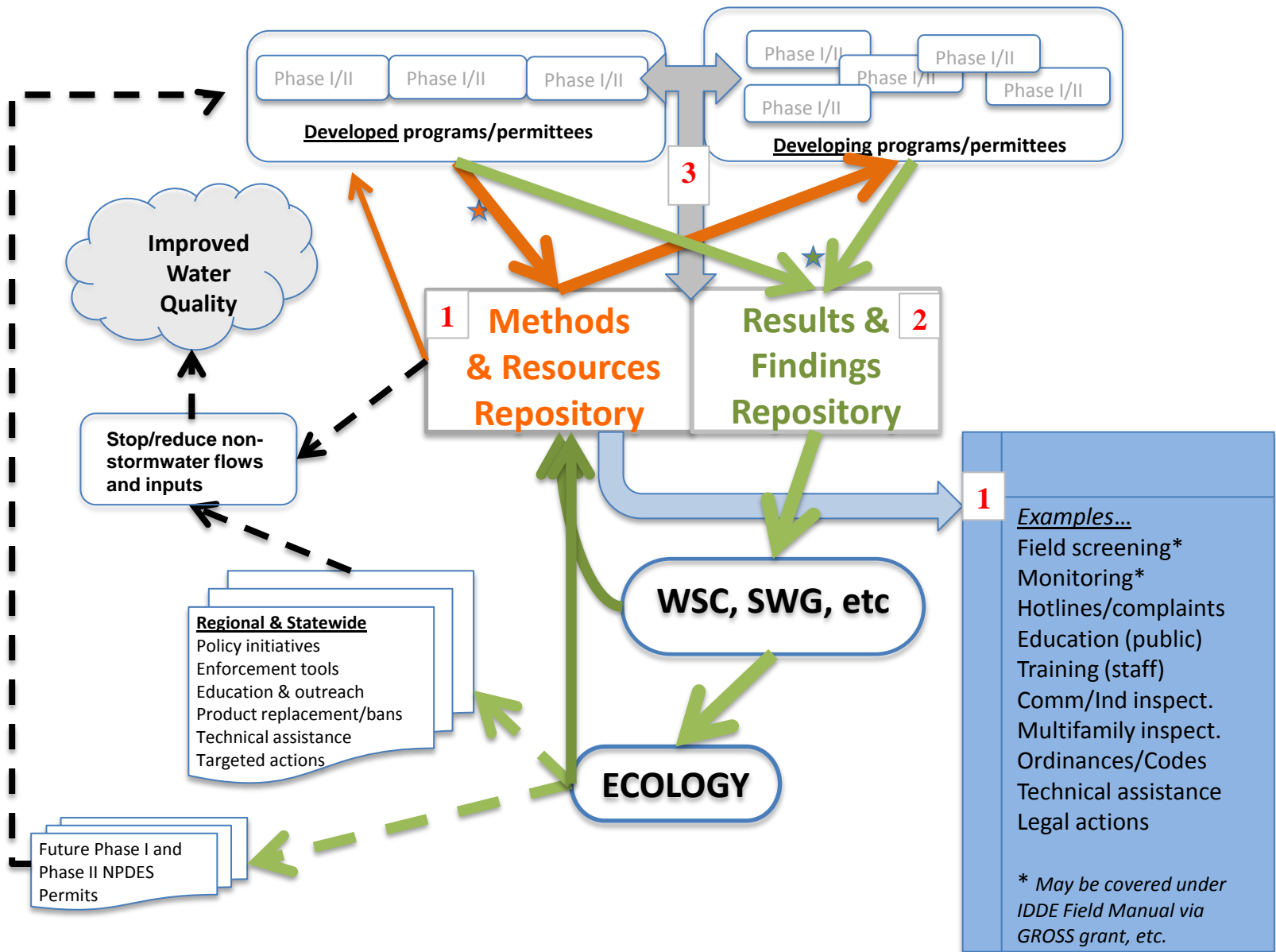


- Roles: expand the scope and diversity of SIDDMR issues to jurisdictions of differing sizes,
- Responsibilities: develop relationships within peer network; communicate specific issues to the overall effort
- Rewards: efficient technology transfer from experienced jurisdictions (i.e., avoid “re-inventing the wheel”; coherent voice at the regional scale; pathway to improve permit-required program

### (3) Department of Ecology and the broader water quality management community



- Roles: support and maintain the framework; digest information from both repositories to adaptively manage the SIDDMR program
- Responsibilities: maintain clean lines of communication & information flow; be responsive to participating groups.
- Rewards: More focused monitoring and diagnostic program; more efficient use of required monitoring; a program that continually improves based on evolving experience of participants.



**Facilitated by the SWG and WSC.**  
Other resources from Watershed Groups, EPA, out-of-state, etc.



Facilitated by Ecology, WSC, etc.  
Utilizing standardized reporting formats and/or processes.

**3**

**Peer network**

# Next steps forward...



- Finalize vision, roles, and responsibilities
- Compile list of SIDDMR programs/staff to interview.
  - Conduct interviews and compile results.
- Complete “literature review” for the Methods/Resources Repository



# Next steps forward (continued)...



- Coordinate with, if needed, GROSS grant activities for the “IDDE Field Screening Manual”.
  - Develop ideas/concepts for Data/Findings Repository
    - Consider database structure options, including “tagged-model”
    - Concepts on the methods/formats for reporting information into the Results & Findings Repository.
- 
- Focus is on Puget Sound basin jurisdictions (but could easily be expanded).
  - Timing: End of grant is September 30, 2012.

